molex®
one company > a world of innovation

Part Number: 5018643092

Status: Active

Overview: FFC-FPC (SMT)

Description: 0.50mm Pitch Easy-On™ Type FFC-to-Board Connector, Receptacle Housing Assembly, Right Angle, Surface Mount, without Grounding terminals, 30 Circuits

Documents:

3D Model
Drawing (PDF)
Product Specification PS-501864-004-001 (PDF)

Packaging Specification SPK-501864-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification

UL	E29179

General

Product Family	FFC/FPC Connectors
Series	501864
Comments	Requires a custom FFC with notches
Overview	FFC-FPC (SMT)
Product Name	Easy-On™
UPC	822350783798

Physical

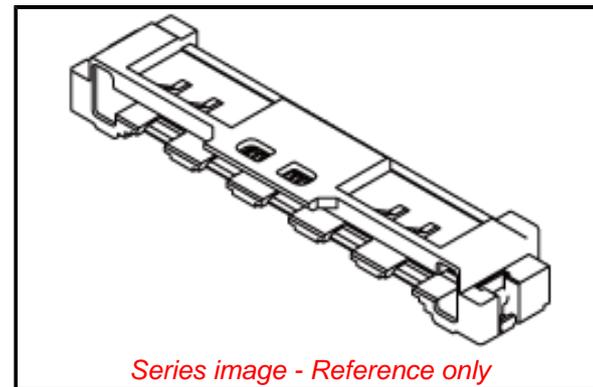|	
Circuits (Loaded)	30
Color - Resin	Black
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	90° Angle
Flammability	94V-0
Mated Height	4.85mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	549.470/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC only

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-501864-001-001
Product Specification	PS-501864-004-001
Sales Drawing	SD-501864-012, SD-501864-013

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/30/2017 (7 July 2017)
Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
501864 Series

Use With
Plug Jacket 501783-3009 . Plug Jacket Cover 501784-3009
LVDS Cable 15022